

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	(("6450972") or ("8400290")).PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/16 13:02
S2	7	("3659588" "3911902" "3942382" "4476880" "4817624" "4873990" "5683345").PN. OR ("6450972").URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2007/11/16 13:03
S3	2	"US 20060217633"	US-PGPUB; USPAT; USOOR; DERWENT	ADJ	ON	2007/11/16 13:04
S4	885	600/561.OCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/11/16 14:41
S5	1815	600/587.OCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/11/16 15:13
S6	155	600/593.OCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/11/16 15:13
S8	1614	catheter AND measure pressure	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/11/16 15:15
S9	1	US "6450972" B1	US-PGPUB; USPAT; USOOR	ADJ	ON	2007/11/16 15:16
S10	17	catheter AND oscillating liquid	US-PGPUB; USPAT; USOOR	ADJ	ON	2007/11/16 15:40
S11	6	catheter AND oscillating liquid AND (Hz OR hertz)	US-PGPUB; USPAT; USOOR	ADJ	ON	2007/11/16 15:41
S12	39	oscillating liquid AND (Hz OR hertz)	US-PGPUB; USPAT; USOOR	ADJ	ON	2007/11/16 15:42
S13	296	(oscillat\$4 or fluctat\$4) ADJ2 liquid AND (Hz OR hertz)	US-PGPUB; USPAT; USOOR	ADJ	ON	2007/11/16 15:45
S14	2430	peristaltic pump AND catheter	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/11/16 15:49

S15	414	peristaltic pump AND catheter AND (Hz OR hertz)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/11/16 15:49
S16	140	peristaltic pump AND catheter AND (Hz OR hertz) AND (oscillat\$3)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/11/16 15:50
S17	238	oscillating (water OR liquid OR substance OR water OR flow OR fluent) and (tube OR catheter OR duct OR hose OR conduit OR main OR pipe OR tubing OR cylincer OR shaft) and (Hz or Hertz)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/11/16 15:53
S18	51	low voltage ADJ3 high frequency NEAR current	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/11/19 15:32
S20	4968	alternat\$4 current frequency	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/11/19 17:55
S21	1	alternative current frequency AND catheter AND kHz	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/11/19 17:55
S22	189	current frequency AND catheter AND kHz	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/11/19 17:56
S23	98	current frequency AND catheter AND kHz AND liquid	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/11/19 17:56
S25	2	"US 20060116601"	US-PGPUB; USPAT; USOOR; DERWENT	ADJ	ON	2007/12/11 09:42
S27	6	(("6450972") or ("6296615") or ("3659588")).PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/11 12:00

S28	86	(“3070132” “3166688” “3428046” “3473087” “3659588” “3911902” “3942382” “4207903” “4476880” “4494950” “4596563” “4718425” “4796641” “4817624” “4846191” “4873990” “4899752” “4913147” “4921483” “4934369” “4987897” “5129394” “5192314” “5199427” “5218957” “5348536” “5353800” “5373852” “5431171” “5458585” “5487760” “5535752” “5538005” “5545151” “5551427” “5593430” “5683345” “5702427” “5796827” “5807265” “5836886” “5860938” “5899927” “6015386” “6019729” “6019735” “6024704” “6033366” “Re30366”).PN. OR (“3659588” “6296615” “6450972”).URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2007/12/11 12:00
S30	8	((“6450972”) or (“0154563”) or (“3659588”) or (“6296615”).PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/11 14:17
S31	394	pressure profile AND catheter	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/11 16:14
S32	2	“20030065373”	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/11 16:16
S33	148166	phase shift	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/12 09:14

S34	1048	phase shift AND catheter	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/12 09:14
S35	158	phase shift AND catheter AND "90" degrees	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/12 09:15
S36	3361	kHz AND catheter AND (channel OR lumen)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/12 09:18
S37	250	kHz AND catheter AND (channel OR lumen) AND phase shift	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/12 09:18
S38	119	pressure profile AND phase shift	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/12 09:22
S39	12	pressure profile AND phase shift AND catheter	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/12 09:23
S40	8	pressure profile AND phase shift AND catheter AND (kHz OR Hz)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/12 09:24
S41	2	(*6450972").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/12 09:44
S42	3679	stepwise AND catheter	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/12 09:48
S43	163	stepwise AND catheter AND kHz	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/12 09:49
S44	167	pressure profile AND stepwise	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/12 09:49
S45	6159	pressure profile	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:36
S46	136705	catheter	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:37

S47	123448	stepwise	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:37
S48	124	step by step	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:37
S49	57	modulat\$4 stepwise	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:38
S50	1614	phase shift angle	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:38
S51	395	S45 and S46	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:39
S52	167	S45 and S47	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:39
S53	0	S45 and S48	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:39
S54	1	S45 and S49	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:39
S55	3	S45 and S50	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:39
S56	4	S51 and S47	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:40
S57	1	S51 and S49	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:41
S58	36872	multichannel OR multilumen	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:43
S59	36	S58 AND S45	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:44

S60	3498844	current	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:45
S61	41211	S60 and S46	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:45
S62	2567	S60 and S46 AND S47	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:45
S63	40	S60 and S46 AND S47 AND phase shift	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:46
S64	183175	S45 and hz OR khz	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:49
S65	566	S45 and (hz OR khz)	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:50
S66	20	S45 and (hz OR khz) and stepwise	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 14:50
S67	2	("5062296").PN.	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	OR	OFF	2007/12/13 14:58
S68	19	stepped phase shift	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 15:16
S69	19	stepped phase shift AND phase shift	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 15:17
S70	0	stepped phase shift AND catheter	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 15:24
S71	2	stepped frequency AND catheter	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/13 15:25
S72	950	phase shift modulation	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/19 09:14

S73	11	phase shift modulation AND catheter	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/19 09:14
S74	460	phase shift modulation and degree	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/19 09:16
S75	36	phase shift modulation NEAR10 degree	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/19 09:16
S76	4	(("5093723") or ("5062296")).PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/19 09:46
S77	100	frequency AND phase shift AND pressure profile	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/19 15:48
S78	15	frequency AND phase shift AND pressure profile AND modulate	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/19 15:56
S79	228	(change OR modulate) phase shift AND (change OR modulate) frequency	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/19 16:04
S80	271	(change OR modulate OR alter OR step-by-step OR stepped) phase shift AND (change OR modulate OR alter OR step-by-step OR stepped) frequency	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/19 16:06
S81	3	((change OR modulate OR alter OR step-by-step OR stepped) phase shift AND (change OR modulate OR alter OR step-by-step OR stepped) frequency) AND pressure profile	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/19 16:06

S82	85	((change OR modulate OR alter OR step-by-step OR stepped) phase shift AND (change OR modulate OR alter OR step-by-step OR stepped) frequency) AND pressure	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/19 16:07
S83	271	((change OR modulate OR alter OR step-by-step OR stepped) phase shift AND (change OR modulate OR alter OR step-by-step OR stepped) frequency)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/19 16:08
S84	258	(phase shift AND frequency) modulation	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/19 16:10
S85	4	(phase shift AND frequency) modulation AND catheter	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/19 16:10
S86	258	(phase shift AND frequency) modulation	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/19 17:02
S87	2	("0009480").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/20 07:14
S88	17041	"90" AND phase shift AND frequency AND modulation	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/20 07:15
S89	25	stimulus frequency AND (modulate or modulating) NEAR2 frequency	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/20 07:17
S90	46394	phase angle	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/20 07:17
S91	148479	phase shift	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/20 07:17
S92	1616	phase shift angle	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/20 07:17

S93	9	S89 and (S90 or S91 or S92)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/12/20 07:17
S94	111	(modulate OR modulating) NEAR3 (phase shift OR phase angle OR phase shift angle) NEAR3 (modulate OR modulating) NEAR3 (frequency OR frequencies)	US-PGPUB; USPAT; USOOR	ADJ	ON	2007/12/20 09:17
S95	7	("3659588" "3911902" "3942382" "4476880" "4817624" "4873990" "5683345").PN. OR ("6450972").URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/07/29 16:27
S96	118	current WITH pressure ADJ2 profile	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2008/07/29 16:52
S97	96715	leakage ADJ2 current	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2008/07/29 16:54
S98	93780	leakage current	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2008/07/29 16:55
S99	3	leakage current SAME pressure profile	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2008/07/29 16:55
S100	79	leakage current AND pressure profile	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2008/07/29 16:55
S101	225	(measure WITH current) SAME pressure AND catheter	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2008/07/29 17:01
S102	1805	detect WITH leakage current	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 14:13
S103	29	detect WITH leakage current SAME pressure	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 14:17

S104	272	leakage current AND (pressure value)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 14:23
S105	7011	pressure profile	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 14:32
S106	86	S105 AND (leak OR leaked OR leaking OR leakage) ADJ (current OR charge)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 14:32
S107	1	("6450972").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/04/15 14:37
S108	0	EP "02505490"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 15:16
S109	11908	leakage current WITH electrode	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 15:21
S110	711	(detect\$4 OR sens\$4) WITH leakage current WITH electrode	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 15:21
S111	1310	leakage current WITH (pressure OR force)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 15:28
S112	1	("6763703").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/04/15 15:41
S113	5940	detect\$4 WITH leakage current	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 15:47
S114	8866	(detect\$4 OR sens\$4) WITH leakage current	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 15:48
S115	13	("3813927" "3840800" "4333072" "4876211" "5557140" "5731691" "5854117" "5915197" "5973598" "6037718" "6087196" "6414543").PN. OR ("6924691").URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2009/04/15 16:45

S116	472	("3141129" "3201664" "3216241" "3299424" "3337787" "3497803" "3517549" "3562621" "3590365" "3594591" "3638043" "3676706" "3689885" "3714818" "3752960" "3753774" "3764415" "3813927" "3816709" "3840800" "3859624" "3898619" "3964024" "4044303" "4068232" "4087791" "4104085" "4106953" "4114151" "4333072" "4438445" "4458410" "4475117" "4498223" "4534806" "4555301" "4569123" "4656498" "4682415" "4701349" "4736704" "4786907" "4868134" "4873205" "4876211" "4912471" "4965213" "4966868" "4973944" "5115223" "5132248" "5197077" "5247305" "5250439" "5287113" "5305008" "5312654" "5344793" "5385848" "5404074" "5493805" "5495250" "5528397" "5609716" "5615504" "5646592" "5661371" "5731691" "5781110" "5854117" "5858562" "5880176" "5886474" "5915197" "5919532" "5973598" "6037718" "6087196" "6187061" "6414543" "6593620" "6924691" "7031182").PN. OR ("3813927"	US-PGPUB; USPAT; USOOR	ADJ	ON	2009/04/15 16:45
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		"3840800" "4333072" "4876211" "5557140" "5731691" "5854117" "5915197" "5973598" "6037718" "6087196" "6414543" "7187055").URPN.				
S117	76	(S115 OR S116) AND leakage	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 16:45
S118	2	DC leakage WITH pressure	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 16:49
S119	0	DC leakage SAME pressure value	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 16:50
S120	17	DC leakage SAME pressure	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 16:50
S121	1	("6642782").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/04/15 16:57
S122	1	("6414543").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/04/15 16:57
S123	1	("6450972").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/04/21 11:23
S124	37	(oscillat\$4 WITH fluid) SAME pressure measurement	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/21 13:16
S125	7	(oscillat\$4 ADJ fluid) SAME pressure measurement	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/21 13:17
S126	28	(oscillat\$4 ADJ fluid) SAME (pressure ADJ (measurement OR measur\$4 OR reading OR sens\$4 OR estimat \$4 OR determin\$4))	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2009/04/21 13:19
S127	1	("5433708").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/04/21 13:29
S128	1	("6924691").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/04/21 14:28
S129	1	("6450972").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/04/21 14:28

4/24/2009 1:04:40 PM

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